

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Please delete the paragraphs at page 19, lines 5-18 of the specification as filed, and replace them with the following amended paragraphs:

Figures 5 and 6 show~~[[s]]~~ the perfect identity between the mouse gene which confers resistance to Friend's virus and the human virus resistance gene;

Figure ~~[[6]]~~7 is a diagrammatic representation showing the interruption of linkage disequilibrium across chromosome 22 observed only in the HIV-1-exposed but uninfected individuals which shows evidence of a past mutational or recombinational event which occurred in the ancestors of the HIV-1 exposed but uninfected individuals; and

Figure ~~[[7]]~~8 shows site mapping and frequencies of HIV-1 resistant alleles together with diagrammatic representations of mouse antibody controlling locus on mouse chromosome 15 and syntenic regions of human chromosome 22, also shows interruption of linkage disequilibrium across chromosome 22 observed only in the HIV-1-exposed but uninfected individuals and evidence of a past mutational or recombinational event occurred in the ancestors of the HIV-1 exposed but uninfected individuals.